

# NRW 2018 (80)

Legende: Um die Laufzeit eines Rades zu ermitteln, rollt es von einer Rampe und kreist dann um den Mittelpunkt der Achse. Darin befindet sich ein Drehimpulsgeber, der pro Umdrehung, bei ca. 1,8m Durchmesser, 500 Impulse erzeugt. Die Zeit zwischen dem ersten und dem 3300sten Impuls ist die Laufzeit des Rades.

Daraus ergibt sich: Je kleiner die Laufzeit, desto besser das Rad.

Nr.	Rad 1	Laufz.	Rad 2	Laufz.	Rad 3	Laufz.	Rad 4	Laufz.	Summe
1	2009	18,959	2368	19,508	1139	19,581	1261	20,291	78,339
2	1874	18,941	2215	19,537	1202	19,568	1238	20,292	78,338
3	2416	18,938	1693	19,536	1096	19,626	2630	20,238	78,338
4	2352	18,934	1979	19,558	1502	19,601	1829	20,245	78,338
5	1085	19,011	1964	19,573	1885	19,595	2686	20,158	78,337
6	1300	18,959	2025	19,569	2275	19,599	1923	20,214	78,341
7	2286	18,949	1277	19,546	1499	19,599	1243	20,244	78,338
8	2639	18,959	1223	19,565	2700	19,602	2210	20,212	78,338
9	1453	18,970	2127	19,565	1068	19,613	1162	20,189	78,337
10	1544	18,998	1882	19,508	2142	19,616	1294	20,215	78,337
11	1314	18,988	1712	19,554	1884	19,585	2403	20,211	78,338
12	2300	18,988	1580	19,553	1599	19,623	1848	20,176	78,340
13	1323	18,979	2276	19,544	2342	19,628	1109	20,188	78,339
14	2174	18,994	2248	19,521	1743	19,628	1434	20,199	78,342
15	1665	18,992	2640	19,553	1877	19,632	1098	20,163	78,340
16	2427	18,945	1892	19,544	2304	19,636	1824	20,213	78,338
17	1377	19,011	1493	19,524	2259	19,638	1270	20,164	78,337
18	1572	19,033	1066	19,408	2711	19,646	1044	20,251	78,338
19	1396	19,017	1254	19,522	1137	19,656	2668	20,144	78,339
20	2068	19,033	2474	19,372	1975	19,651	1811	20,284	78,340
21	1758	19,054	2047	19,340	1102	19,652	1423	20,295	78,341
22	1199	19,041	1945	19,357	1841	19,651	1252	20,289	78,338
23	1844	19,043	2318	19,351	2109	19,661	1135	20,287	78,342
24	1288	19,047	2541	19,344	2291	19,670	2290	20,277	78,338
25	2278	19,034	2131	19,356	1188	19,672	1895	20,279	78,341
26	1480	19,054	1390	19,314	1433	19,690	1104	20,281	78,339
27	1689	19,051	2279	19,363	2942	19,676	2120	20,253	78,343
28	2390	19,061	1769	19,353	2253	19,688	1103	20,236	78,338
29	1351	19,062	1684	19,376	2392	19,690	1822	20,210	78,338
30	1694	19,079	2224	19,380	2645	19,693	2402	20,187	78,339
31	1251	19,068	1732	19,426	1347	19,698	2430	20,145	78,337
32	1349	19,063	1094	19,385	1045	19,696	1873	20,195	78,339
33	1814	19,079	1636	19,425	2397	19,700	2117	20,135	78,339
34	1518	19,091	1704	19,426	1426	19,708	1026	20,110	78,335
35	1718	19,095	1789	19,451	2364	19,707	2718	20,086	78,339
36	1574	19,111	1818	19,447	1522	19,704	2209	20,081	78,343
37	1368	19,105	1389	19,444	2226	19,712	1664	20,077	78,338
38	2340	19,105	2227	19,443	2221	19,716	1946	20,076	78,340
39	2102	19,132	1799	19,424	1701	19,719	1376	20,066	78,341

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Nr.	Rad 1	Laufz.	Rad 2	Laufz.	Rad 3	Laufz.	Rad 4	Laufz.	Summe
40	1395	19,111	1125	19,452	1297	19,721	1408	20,057	78,341
41	1555	19,106	2151	19,466	2261	19,722	1807	20,045	78,339
42	1093	19,104	1375	19,468	1628	19,731	2336	20,036	78,339
43	1784	19,166	2038	19,408	1782	19,735	2299	20,026	78,335
44	1134	19,162	1623	19,412	2241	19,749	2312	20,012	78,335
45	1324	19,126	1629	19,473	2469	19,741	1039	19,997	78,337
46	1529	19,113	2321	19,511	2135	19,746	1880	19,967	78,337
47	2262	19,141	1680	19,562	1315	19,744	1834	19,890	78,337
48	1449	19,166	2063	19,406	1962	19,766	1097	19,999	78,337
49	1290	19,113	1889	19,512	2398	19,756	2651	19,955	78,336
50	2134	19,137	1881	19,509	2232	19,756	1166	19,935	78,337
51	1661	19,127	2028	19,473	1302	19,757	1537	19,979	78,336
52	2421	19,149	2629	19,498	1218	19,759	2695	19,930	78,336
53	1586	19,170	2322	19,412	2687	19,763	1321	19,993	78,338
54	1296	19,150	2599	19,584	1057	19,764	2653	19,839	78,337
55	1869	19,126	1399	19,471	1535	19,761	2211	19,979	78,337
56	1549	19,202	1619	19,377	1801	19,765	1397	19,994	78,338
57	2138	19,125	1443	19,491	1752	19,753	1587	19,967	78,336
58	1756	19,183	1550	19,390	2272	19,766	1767	19,999	78,338
59	2126	19,187	2295	19,391	2690	19,770	2635	19,981	78,329
60	2169	19,172	2328	19,554	2389	19,764	1442	19,848	78,338
61	2636	19,145	1597	19,475	2250	19,768	1276	19,948	78,336
62	2245	19,132	2081	19,523	1191	19,759	1217	19,921	78,335
63	1765	19,191	2370	19,417	1226	19,785	1868	19,944	78,337
64	1451	19,199	2698	19,355	1546	19,792	1331	19,992	78,338
65	1620	19,174	1348	19,394	2694	19,792	2691	19,973	78,333
66	1741	19,202	2393	19,341	2354	19,798	1126	19,995	78,336
67	1755	19,202	1591	19,330	2650	19,804	1371	20,002	78,338
68	2678	19,230	1325	19,288	1038	19,812	1367	20,007	78,337
69	2106	19,239	1490	19,358	2233	19,816	1692	19,925	78,338
70	1627	19,271	2054	19,321	1384	19,816	2140	19,928	78,336
71	1267	19,250	1722	19,310	1683	19,833	2334	19,944	78,337
72	1491	19,258	2302	19,321	1836	19,836	1174	19,919	78,334
73	1931	19,257	1673	19,326	1167	19,841	1413	19,912	78,336
74	1533	19,253	1124	19,304	1320	19,872	1248	19,907	78,336
75	1388	19,264	2350	19,301	1287	19,849	1148	19,922	78,336
76	1894	19,276	1515	19,311	2274	19,862	1560	19,888	78,337
77	1727	19,292	2424	19,299	1027	19,871	1532	19,872	78,334
78	1990	19,240	2213	19,296	2257	19,863	1508	19,933	78,332
79	1802	19,266	2362	19,269	1168	19,865	1090	19,934	78,334
80	1652	19,318	2685	19,281	1091	19,868	1080	19,868	78,335